

#3

JUN 25 2001

PATENT & TRADEMARK OFFICE
SCT/16

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- The attached application, or
 Application No. 09/786,843, filed on January 23, 2001,
 as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one Gavin Horn Date: 06/12/01

Signature: Gavin Horn Citizen of: Canada

Inventor two Michael G. Luby Date: 6/12/2001

Signature: M. G. Luby Citizen of: United States

Inventor three Jens Rasmussen Date: 6/12-2001

Signature: Jens Rasmussen Citizen of: Denmark

Inventor four Per Knudsgaard Date: 6.12-2001

Signature: Per Knudsgaard Citizen of: Denmark

Additional inventors are being named on 1 additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1221769 v1



DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- The attached application, or
- Application No. 09/786,843, filed on January 23, 2001,
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I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

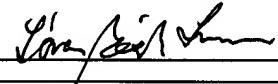
I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor five Soren Lassen Date: 06/12/01

Signature:  Citizen of: Denmark

Inventor six _____ Date: _____

Signature: _____ Citizen of: _____

Inventor seven _____ Date: _____

Signature: _____ Citizen of: _____

Inventor eight _____ Date: _____

Signature: _____ Citizen of: _____

Additional inventors are being named on _____ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SF 1221778 v1



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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Digital Fountain, Inc.

Application No./Patent No.: 09/768,843

Filed/Issue Date: January 23, 2001

Entitled: Methods and Apparatus for Scheduling, Serving, Receiving Media-On-Demand for Clients, Servers Arranged According to Constraints On Resources

Digital Fountain, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

6/21/2001

Date

Signature

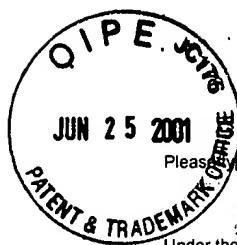
Michael L. Liu
Typed or printed name

CTO

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1221069 v1



Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	09/768,843
	Filing Date	January 23, 2001
	First Named Inventor	Horn, Gavin, et al.
	Title	Methods and Apparatus for Scheduling, Serving, Receiving Media-On-Demand for Clients, Servers Arranged According to Constraints On Resources
	Group Art Unit	2152
	Examiner Name	Unassigned
	Attorney Docket Number	019186002910US

I hereby appoint:

Practitioners at Customer Number
OR

20350

Place Customer Number Bar Code Label here

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.
OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Fax		

I am the:

Applicant/Inventor.
 Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	<i>Michael Liby</i>
Signature	<i>Michael Liby</i>
Date	6/12/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1221065 v1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gavin Horn, of 6363 Christie Avenue #2402, Emeryville, CA 94608; Michael G. Luby, of 1133 Miller Avenue, Berkeley, CA 94708; Jens Rasmussen, of 909 Shorepoint Court, D103, Alameda, CA 94501; Per Knudsgaard, of 3877 Howe Street #309, Oakland, CA 94611; Soren Lassen, of 516 Vidal Drive, San Francisco, CA 94132; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **METHODS AND APPARATUS FOR SCHEDULING,
SERVING, RECEIVING MEDIA-ON-DEMAND FOR
CLIENTS, SERVERS ARRANGED ACCORDING TO
CONSTRAINTS ON RESOURCES**

Date(s) of execution of Declaration: 06/12/01 , 2001

Filing Date: January 23, 2001

Application No.: 09/768,843; and

WHEREAS, Digital Fountain, Inc., a corporation of the state of Delaware, located at 39141 Civic Center Drive, Fremont, CA, 94538, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

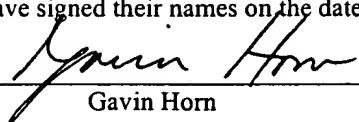
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Assignment
Attorney Docket No.: 19186-002910US
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

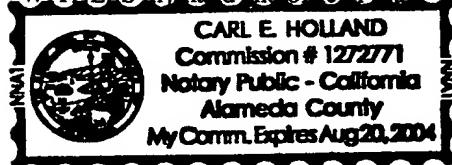
Dated: 6/12/2001


Gavin Horn

STATE OF CALIFORNIA)
COUNTY OF Alameda) ss.

On 6-12-2001, before me, Carl E. Holland (Notary Public) personally appeared Gavin Horn, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal



My Commission Expires: 8-20-04

Dated: 6/12/2001

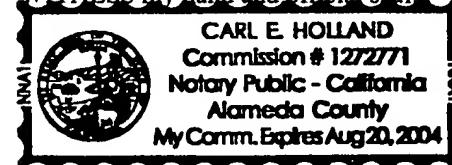

NOTARY PUBLIC

Michael G. Luby

STATE OF CALIFORNIA)
COUNTY OF Alameda) ss.

On 6-12-2001, before me, Carl E. Holland (Notary Public) personally appeared Michael G. Luby, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

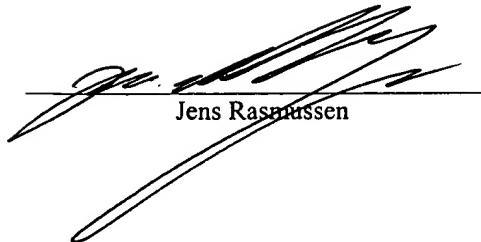


My Commission Expires: 8-20-04


NOTARY PUBLIC

Assignment
Attorney Docket No.: 19186-002910US
Page 3

Dated: 6/12-2001

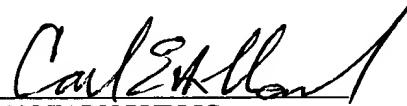
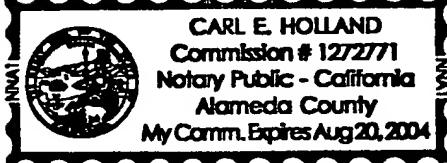


Jens Rasmussen

STATE OF CALIFORNIA)
COUNTY OF Alameda) ss.

On 6-12-2001, before me, Carl E. Holland (Notary Public) personally appeared Jens Rasmussen, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

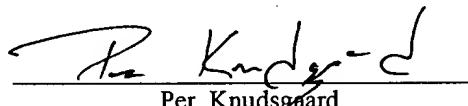


Carl E. Holland

NOTARY PUBLIC

My Commission Expires: 8-20-04

Dated: 6-12-2001

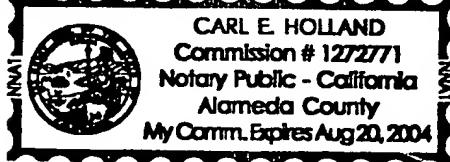


Per Knudsgaard

STATE OF CALIFORNIA)
COUNTY OF Alameda) ss.

On 6-12-2001, before me, Carl E. Holland (Notary Public) personally appeared Per Knudsgaard, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Carl E. Holland

NOTARY PUBLIC

My Commission Expires: 8-20-04

Assignment
Attorney Docket No.: 19186-002910US
Page 4

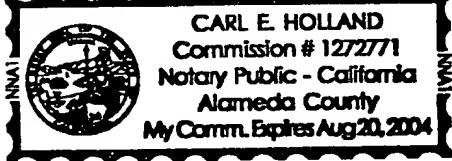
Dated: 06/12/01

Soren Lassen

STATE OF CALIFORNIA)
COUNTY OF *Alameda*)
) SS.

On 6-12-2001, before me, Carl E. Holland (Notary Public)
personally appeared Soren Lassen, personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal



Carter E. Hall
NOTARY PUBLIC

My Commission Expires: 8-20-04